Face-to-Face meeting at Fermilab, April 25, 2002

Present: Meena, Jae, Chip, Jae, Frank, Martin Grunewald, Christian Schmidt, Christian Zeitnitz

Code Distribution services:
Almost everyone thought this service does not necessarily need RACs because the current system work rather well, building up expert bases based on the institutional contacts.

Batch Processing

Frank wanted to have some way of quantifying the CPU needs.
Chip has suggested that he has the quantification used for Amber's budget figure, and we could use the same figures.

Data Storage Service

Full thumbnail is agreed on. Maybe more than one version (say 2). Would like 10-20% DST data at each site. If there is different dst data at each site, could have entire data set spread out over all remote sites, comprising 100% of DSTs residing on disks.

Run	IIa	Needed	IIb	Needed
Full thmb	15TB	(15TB)	100TB	(100TB)
Full DST	200TB	(20-40TB)	1200TB	(120-240TB)
Full RAW	200TB	(0TB)	2500TB	(0TB)

Keep 200% thmb, even portions of DST at each center. Some centers may have tape storage for some raw data. Issue is do we DC ship raw data over network so all raw data will be at remote sites, or do we respond to disaster when it happens? We will lay out the options in the document, but will recommend that raw data will be replicated to remote centers when needed. Adding MC needs, a total of 70TB (IIa) minimum space needed.

Database servers. Think this can be handled by current model of database servers with no need for additional Oracle deployments.

Single copies of output from reconstruction will be stored in reliable persistent storage, Unless it is sent to FNAL for permanent storage.

When the need arises, there may be sites other than the RAC's that have resources to contribute.

Is SAM ready to handle this? Would like to have Karlsrue working in September. This means there will be a SAM station, and THM and DST data will be moving through the station. Reflect this in the implementation time scale.